

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

**C Number:** C00442  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Female

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Stomach

Pneumonia, Chronic Murine  
Ulcer, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Mammary gland

Angiectasis  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Stomach  
Unspecified

Abdominal Viscera

Ulcer, Focal  
Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Pituitary gland  
Uterus

Endometrium

Angiectasis  
Inflammation, Chronic  
Chromophobe Adenoma  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Uterus

Endometrium

Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Spleen  
Unspecified

Myocardium Nos

Flank

Angiectasis  
Degeneration, Nos  
Inflammation, Chronic  
Hematopoiesis  
Hemangiosarcoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Unspecified

Groin

Pneumonia, Chronic Murine  
Fibroadenoma  
Fibroma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Thyroid

Angiectasis  
Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Trachea  
Uterus

Inflammation, Nos  
Hydrometra

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Pituitary gland  
Thyroid

Fibroadenoma  
Chromophobe Adenoma  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Mammary gland  
Pituitary gland

Endocardium Nos

Angiectasis  
Hyperplasia, Nos  
Fibroadenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
  
Pituitary gland

Bile Duct  
Bile Duct

Angiectasis  
Inflammation, Chronic  
Dilatation, Nos  
Hyperplasia, Nos  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Inflammation, Nos
Trachea	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Thyroid  
Uterus

Angiectasis  
C-Cell Adenoma  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Ovary	Carcinoma, Nos
Spleen	Hematopoiesis
Stomach	Ulcer, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Uterus

Mixed Tumor, Malignant  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Mammary gland  
Uterus

Angiectasis  
Inflammation, Chronic  
Fibroadenoma  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Uterus

Bile Duct

Angiectasis  
Inflammation, Chronic  
Hyperplasia, Nos  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Mammary gland  
Ovary  
Pituitary gland  
Trachea

Angiectasis  
Inflammation, Chronic  
Fibroadenoma  
Cyst, Nos  
Chromophobe Adenoma  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Pituitary gland

Inflammation, Chronic  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Thyroid

Angiectasis  
Inflammation, Chronic  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Adenoma
Spleen		Hematopoiesis
Unspecified	Axilla	Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Pituitary gland

Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Ovary		Cyst, Nos
Pituitary gland		Chromophobe Adenoma
Unspecified	Back	Basal-Cell Carcinoma
Uterus		Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Angiectasis  
Neoplastic Nodule  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Thyroid

Inflammation, Chronic  
Pneumonia, Chronic Murine  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Pituitary gland

Hyperplasia, Nos  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Ovary  
Pituitary gland  
Stomach  
Uterus

Aorta Nos

Angiectasis  
Arteriosclerosis, Nos  
Inflammation, Chronic  
Granulosa-Cell Tumor  
Chromophobe Adenoma  
Calcium Deposit  
Hydrometra

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Mammary gland  
Skin

Inflammation, Chronic  
Pneumonia, Chronic Murine  
Fibroadenoma  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Uterus

Endometrium

Angiectasis  
Inflammation, Chronic  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Uterus		Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Liver  
Spleen  
Unspecified  
Uterus

Large Intestine, Colon  
  
Axilla

Parasitism  
Inflammation, Nos  
Hematopoiesis  
Fibroma  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Mammary gland  
Pituitary gland  
Uterus

Inflammation, Chronic  
Fibroadenoma  
Chromophobe Adenoma  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Uterus

Angiectasis  
Inflammation, Chronic  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Thyroid

Angiectasis  
Inflammation, Chronic  
Focal Cellular Change  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Mammary gland  
Thyroid  
Unspecified

Groin

Inflammation, Chronic  
Fibroadenoma  
Follicular-Cell Carcinoma  
Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Pituitary gland

Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lung  
Stomach

Pyelonephritis, Nos  
Pneumonia, Chronic Murine  
Ulcer, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Small	Duodenum	Hemangiosarcoma
Liver		Inflammation, Nos
Mammary gland		Fibroadenoma
Spleen		Hematopoiesis
Stomach		Ulcer, Focal
Unspecified	Flank	Hemangiosarcoma
Uterus		Hydrometra

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Lymph node

Cervical Lymph Node Nos

Lipoma  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Pituitary gland

Fibroadenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Thyroid

Angiectasis  
Inflammation, Chronic  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Thyroid  
Trachea  
Uterus

Angiectasis  
Hamartoma  
C-Cell Adenoma  
Inflammation, Nos  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Pneumonia, Chronic Murine
Thyroid	C-Cell Adenoma
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1  
**DOSE:** 0

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Metamorphosis, Fatty
Mammary gland	Fibroadenoma
Trachea	Inflammation, Nos
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Thyroid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Lung		Pneumonia, Chronic Murine
Ovary		Cyst, Nos
Thyroid		Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Mammary gland  
Spleen  
Uterus

Angiectasis  
Fibroadenoma  
Hemangiosarcoma  
Endometrial Stromal Polyp  
Hydrometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Uterus

Pneumonia, Chronic Murine  
Fibroadenoma  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Mammary gland  
Pituitary gland  
Unspecified

Flank

Angiectasis  
Pneumonia, Chronic Murine  
Fibroadenoma  
Chromophobe Adenoma  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Thyroid

Cortex Nos

Dilatation, Nos  
Inflammation, Chronic  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Adenocarcinoma, Nos, Metastatic
Mammary gland	Alveolar/Bronchiolar Adenoma
Ovary	Adenocarcinoma, Nos
	Luteoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Stomach  
Unspecified

Neck

Fibroadenoma  
Ulcer, Focal  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Pituitary gland

Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Dilatation, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Thyroid		Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos Cataract
	Cornea	Inflammation, Nos Synechia, Nos
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Pituitary gland

Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Stomach

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Angiectasis
Mammary gland	Metamorphosis, Fatty Fibroadenoma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:16  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lung

Mixed Tumor, Malignant

Mammary gland

Pneumonia, Chronic Murine

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Mammary gland

Angiectasis  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Skin	Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Mammary gland

Inflammation, Chronic  
Adenocarcinoma, Nos

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Uterus

Bile Duct  
Endometrium

Dilatation, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Thyroid

Fibroadenoma  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Thyroid  
Uterus

Endometrium

Fibroadenoma  
Hyperplasia, C Cell  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Trachea  
Uterus

Endometrium

Fibroadenoma  
Inflammation, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Ovary	Cyst, Nos
Stomach	Acanthosis
Thyroid	C-Cell Carcinoma
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH** -

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Urinary bladder

Pneumonia, Chronic Murine  
Galactocele  
Papilloma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Stomach  
Unspecified

Back

Pneumonia, Chronic Murine  
Fibroadenoma  
Ulcer, Nos  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Spleen		Hemangiosarcoma
Unspecified	Hip	Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Dilatation, Nos
Lung		Pneumonia, Chronic Murine
Unspecified	Axilla	Fibroma
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Thyroid		Follicular-Cell Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Trachea

Inflammation, Chronic  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Thyroid

Pneumonia, Chronic Murine  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Pericardium Nos	Inflammation, Nos
Kidney		Nephrosis, Pyo
Liver		Angiectasis
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Eye	Lacrimal Gland	Inflammation, Nos
Liver		Cirrhosis, Nos
Lung		Pneumonia, Chronic Murine
Skeletal muscle	Facial Muscle	Inflammation, Nos
Spleen		Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Adenocarcinoma, Nos  
Fibroadenoma  
C-Cell Carcinoma

Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Mammary gland  
Thyroid

Angiectasis  
Fibroadenoma  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Thyroid

Pneumonia, Chronic Murine  
Follicular-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Thyroid

Pneumonia, Chronic Murine  
Fibroadenoma  
Follicular-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland  
Pituitary gland

Angiectasis  
Pneumonia, Chronic Murine  
Fibroadenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 6500 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Anus Nos

Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Trachea  
Uterus

Endometrium

Fibroadenoma  
Inflammation, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Cyst, Nos

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Pituitary gland  
Uterus

Pneumonia, Chronic Murine  
Adenocarcinoma, Nos  
Chromophobe Adenoma  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Pituitary gland  
Thyroid

Inflammation, Nos  
Chromophobe Adenoma  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Pancreas

Pneumonia, Chronic Murine  
Periarteritis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Trachea

Angiectasis  
Inflammation, Chronic  
Inflammation, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung		Pneumonia, Chronic Murine
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Lung		Pneumonia, Chronic Murine
Stomach		Ulcer, Focal
Unspecified	Nose	Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Adenocarcinoma, Nos

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Mammary gland  
Pituitary gland

Fibroadenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Parathyroid gland  
Stomach

Pneumonia, Chronic Murine  
Adenoma, Nos  
Calcium Deposit  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung

Angiectasis  
Inflammation, Chronic  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Thyroid

Pneumonia, Chronic Murine  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Pericardium Nos	Inflammation, Nos
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Stomach

Ulcer, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Cyst, Nos
Lung	Pneumonia, Chronic Murine
Thyroid	C-Cell Adenoma
Uterus	Endometrial Stromal Polyp
	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Thyroid

Pneumonia, Chronic Murine  
Fibroadenoma  
C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Inflammation, Nos
Ovary	Cyst, Nos
Trachea	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland

Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Pneumonia, Chronic Murine
Mammary gland	Adenocarcinoma, Nos
Ovary	Cyst, Nos
Uterus	Adenocarcinoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Unspecified

Pneumonia, Chronic Murine  
Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Pituitary gland

Angiectasis  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung  
Stomach

Pneumonia, Chronic Murine  
Ulcer, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver	Angiectasis
Lung	Pneumonia, Chronic Murine
Uterus	Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Thyroid

Pneumonia, Chronic Murine  
Fibroadenoma  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Lung	Inflammation, Nos
Trachea	Inflammation, Nos
Uterus	Cyst, Nos
	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Mammary gland  
Stomach

Pneumonia, Chronic Murine  
Fibroadenoma  
Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland

Angiectasis  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic  
Transitional-Cell Carcinoma

Lung

Inflammation, Nos

Pituitary gland

Chromophobe Adenoma

Trachea

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Pneumonia, Chronic Murine

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver  
Lung  
Mammary gland

Angiectasis  
Pneumonia, Chronic Murine  
Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 13000 PPM

**SEX:** Female  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver

Bile Duct

Cyst, Nos

Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lung

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C00442  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/Osborne Mendel

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Trifluralin  
**CAS Number:** 1582-09-8

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:19:17  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 13000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Mammary gland

Fibroadenoma

---

PRIMARY CAUSE OF DEATH

-

---

**\*\* END OF REPORT \*\***