

IA Hazelnut Project

Goal: Accelerate hazelnuts in Iowa sustainably

- Establish research plantings throughout the state on all the landforms of Iowa
 - Facilitate on-farm research sites and train landowner partners
 - Confirm and validate those assumptions we make about growing hazelnuts in the Midwest
 - We want diversity of growers all across the state.
- Develop value added opportunities for hazel products that can lead to profitability

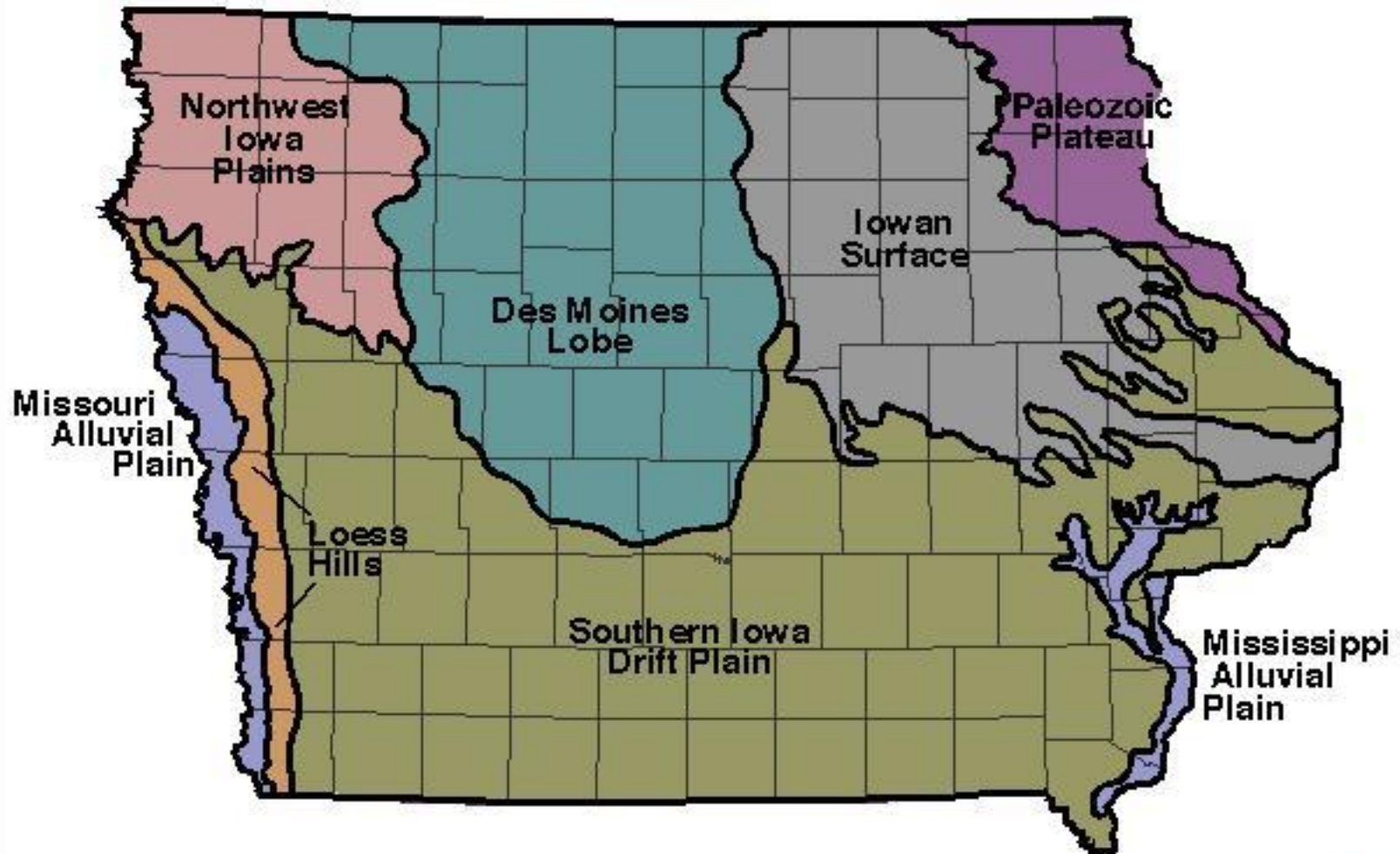
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Goal: Accelerate hazelnuts in Iowa sustainably

- Investigate carbon sequestration opportunities
- Investigate soil type and plant productivity interactions
- Develop materials and guidance documents to help landowners get started growing hazelnuts
- Lead outreach and learning opportunities with partners.
- Make this work FUN!!

IA Hazelnut Project

LANDFORM REGIONS OF IOWA



IA Hazelnut Project

Iowa Nut Growers Association (INGA) Research Sites

1. Struecker Research Site – Fenton
2. Lawrence Research Site – Marion
3. Indian Hills Research Site – Centerville

Hazelnuts in Iowa Update

Struecker Research Site

- 35 miles from Minnesota border
- Two main soil types

1. Webster Clay Loam

- deep, poorly drained, moderately permeable soils formed in glacial till or local alluvium derived from till on uplands.

2. Coland Clay Loam

- deep, poorly drained soils formed in alluvium. These soils are on floodplains and alluvial fans in river valleys and upland drainageways in dissected till plains.

Hazelnuts in Iowa Update

Struecker Research Site



Hazelnuts in Iowa Update

Struecker Research Site



Hazelnuts in Iowa Update

Struecker Research Site initial Survivability

<u>Cultivar</u>	<u>Alive = A</u>	<u>Dead = X</u>
Aldara	4	8
Andrew	10	2
Frank	4	8
Marion	9	3
Northern		
Blais	5	7
OSU	8	4
Gran		
Traverse	11	1
Total	51	33

Hazelnuts in Iowa Update

Lawrence Research Site

- Located in Marion Iowa, 40 min. north of IA City

- Main soil type

1. Judson Silty Clay Loam

- very deep, well drained soils formed in silty colluvium derived from non-calcareous loess. These soils are on foot slopes, upland drainageways, and alluvial fans.

Hazelnuts in Iowa Update

Lawrence Research Site



Hazelnuts in Iowa Update

Lawrence Research Site



Hazelnuts in Iowa Update

Lawrence Research Site

<u>Cultivar</u>	<u>Alive = A</u>	<u>Dead = X</u>
Aldara	1	11
Andrew	6	6
Frank	1	11
Marion	6	6
Northern Blais	6	6
OSU	12	0
Gran Traverse	12	0
Total	44	40

