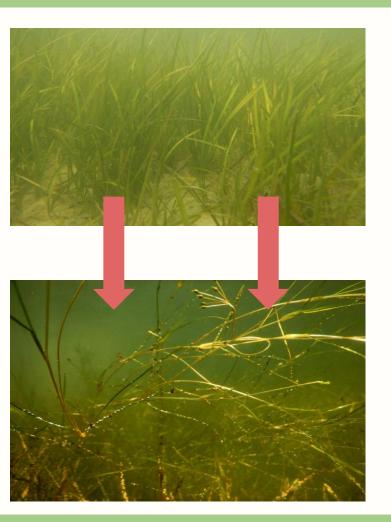




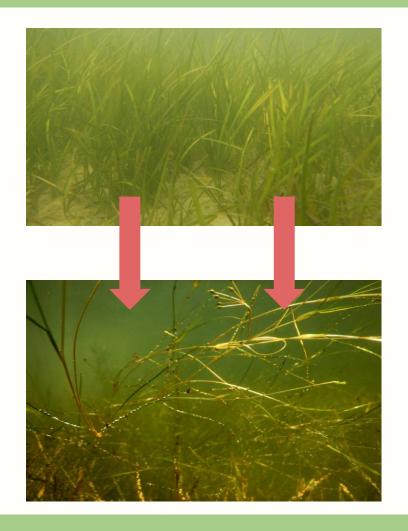




 Widgeongrass is the new dominant species

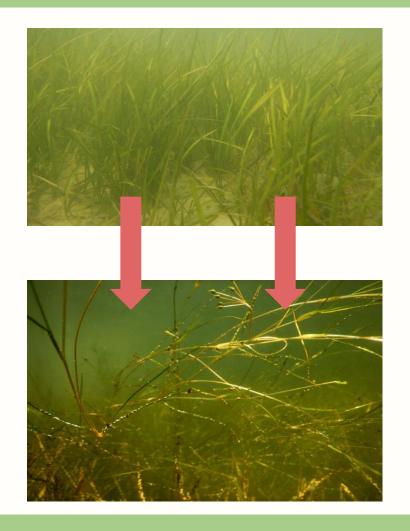


- Widgeongrass is the new dominant species
- Metrics based on Eelgrass seeds
 - Fall velocity
 - Low storage potential



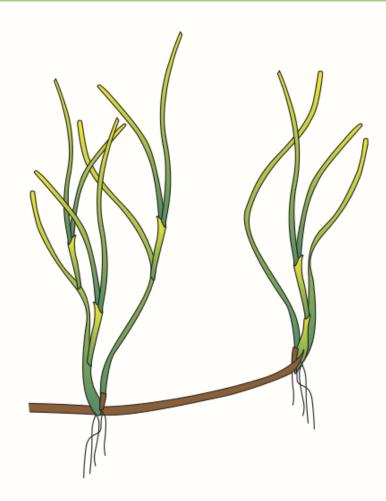
- Widgeongrass is the new dominant species
- Metrics based on Eelgrass seeds
 - Fall velocity
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How do we restore Widgeongrass?



What We Know

- Higher success when Widgeongrass is planted in the fall
- Metrics to assess seed viability for Eelgrass

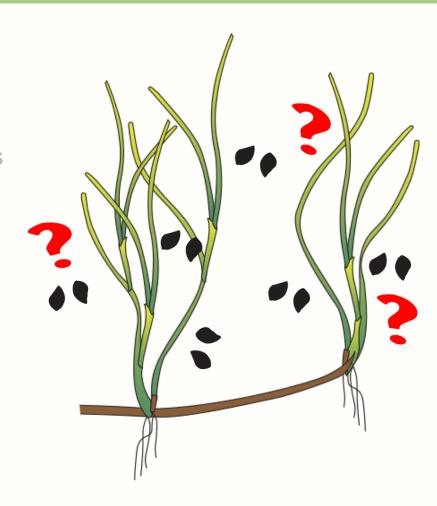


What We Know

- Higher success when Widgeongrass is planted in the fall
- Metrics to assess seed viability in Eelgrass

What We Don't Know

- Effects of cold storage
- Existing viability patterns



Assessing Seed Size & Seed Shape's Effects on Germination





Assessing Seed Size & Seed Shape's Effects on Germination



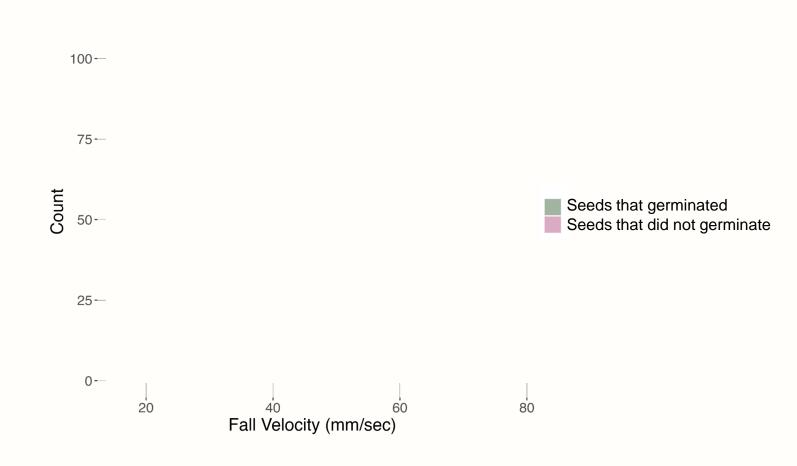
4°C & 24 hours dark

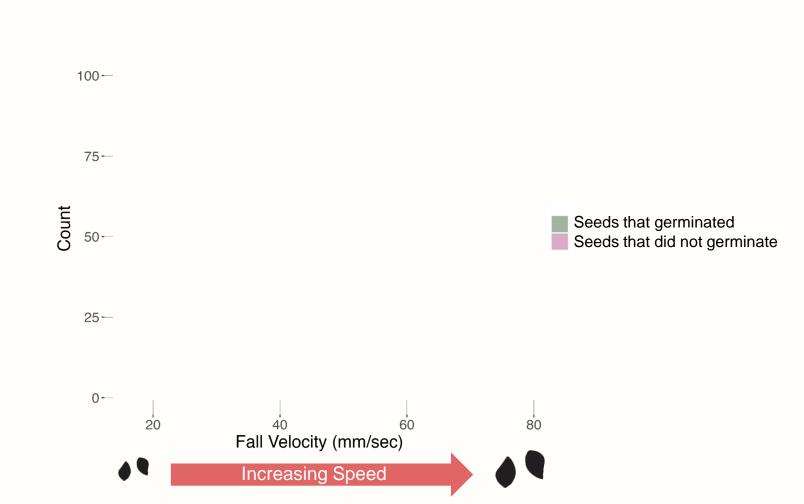
Assessing Seed Size & Seed Shape's Effects on Germination

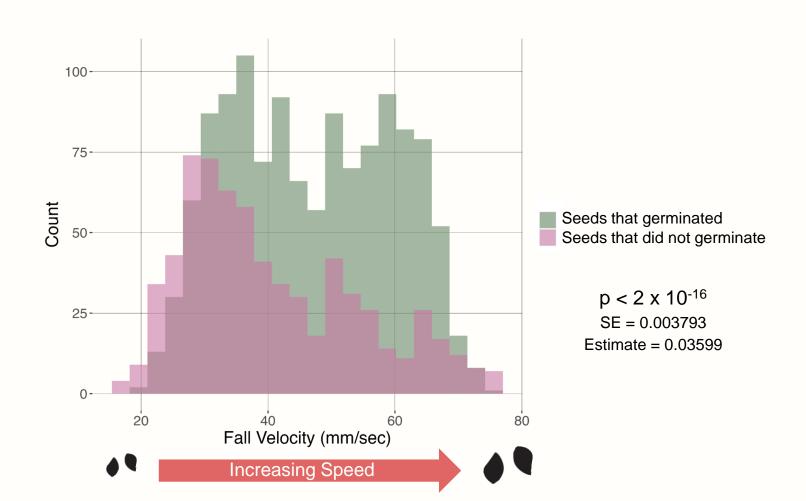


4°C & 24 hours dark

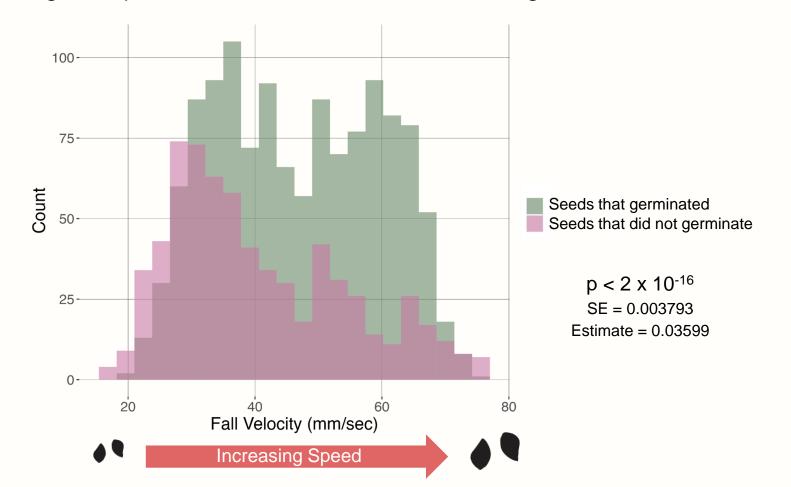
24°C & 12 hours light/dark



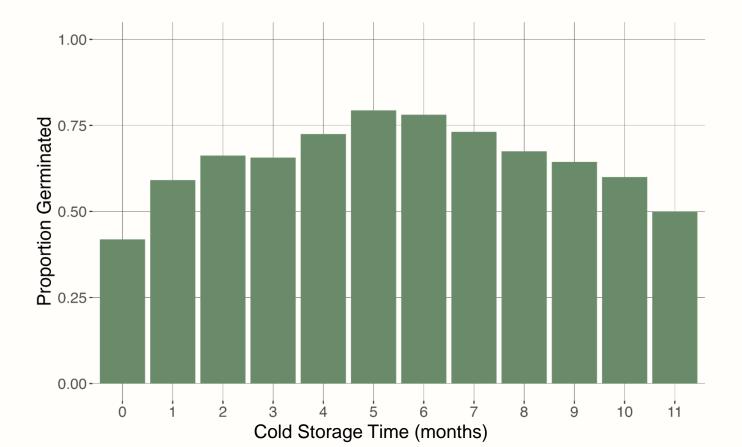




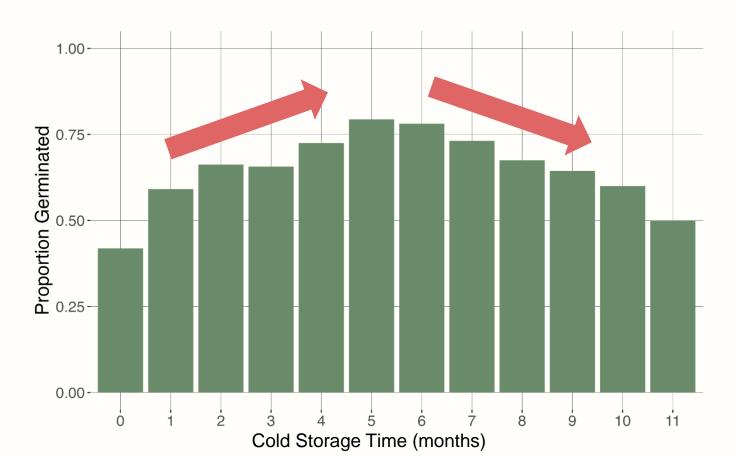
There is a Larger Proportion of Seeds That Germinate in Higher Fall Velocities



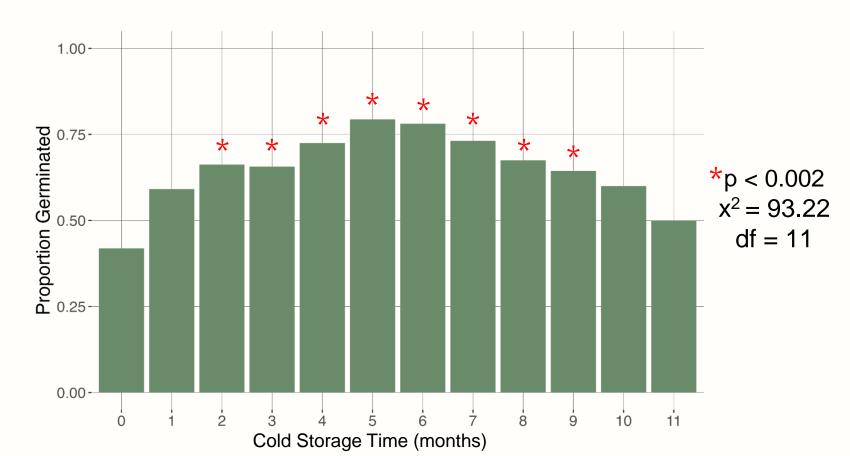




Cold Storage Increases Germination At First



Cold Storage Increases Germination At First



Expanding Wigeongrass Restoration

- Seeds can be separated by fall velocity
- Cold storage time increases germination
 20% 40%







Expanding Widgeongrass Restoration

- Seeds can be separated by fall velocity
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