Figure 4.1a: Effect of PGRs on seed germination and seedling growth of Ajowan (PIDOC)

Figure 4.1b: Effect of micronutrients on seed germination and seedling growth of Ajowan (PIDOC)

Figure 4.1c: Effect of NaCl on seed germination and seedling growth of Ajowan (PIDOC)
Figure 4.1d: Effect of water stress on seed germination and seedling growth of Ajowan (PIDOC)

Figure 4.2a: Effect of PGRs on organic constituents of Ajowan seedlings (PIDOC)

Figure 4.2b: Effect of micronutrients on organic constituents of Ajowan seedlings (PIDOC)
Figure 4.2c: Effect of NaCl on organic constituents of Ajowan seedlings (PIDOC)

Figure 4.2d: Effect of water stress on organic constituents of Ajowan seedlings (PIDOC)

Figure 4.3a: Effect of PGRs on antioxidants in Ajowan seedlings (PIDOC)
Figure 4.3b: Effect of micronutrients on antioxidants in Ajowan seedlings (PIDOC)

Figure 4.3c: Effect of NaCl on antioxidants in Ajowan seedlings (PIDOC)

Figure 4.3d: Effect of water stress on antioxidants in Ajowan seedlings (PIDOC)
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Figure 4.4c: Effect of NaCl on activities of antioxidant enzymes in Ajowan seedlings (PIDOC)
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Figure 4.5b : Effect of PGRs on chlorophyll b content in field grown Ajowan plants at different phenological stages

Figure 4.5c : Effect of PGRs on total chlorophyll content in field grown Ajowan plants at different phenological stages
Figure 4.5d: Effect of PGRs on photosynthetic pigments in field grown Ajowan at different phenological stages (PIDOC)

Figure 4.6a: Effect of micronutrients on chlorophyll a content in field grown Ajowan plants at different phenological stages

Figure 4.6b: Effect of micronutrients on chlorophyll b content in field grown Ajowan plants at different phenological stages
Figure 4.6c : Effect of micronutrients on total chlorophyll content in field grown Ajowan plants at different phenological stages

Figure 4.6d : Effect of micronutrients on photosynthetic pigments in field grown Ajowan at different phenological stages (PIDOC)
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Figure 4.8a: Effect of water stress on chlorophyll a content in field grown Ajowan plants at different phenological stages

Figure 4.8b: Effect of water stress on chlorophyll b content in field grown Ajowan plants at different phenological stages
Figure 4.8c : Effect of water stress on total chlorophyll content in field grown Ajowan plants at different phenological stages

Figure 4.8d : Effect of water stress on photosynthetic pigments field grown Ajowan at different phenological stages (PIDOC)
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Figure 4.9b: Effect of micronutrients on photosynthetic activity of Ajowan (PIDOC)

Figure 4.9c: Effect of NaCl on photosynthetic activity of Ajowan (PIDOC)
Figure 4.9d: Effect of water stress on photosynthetic activity of Ajowan (PIDOC)

![Graph showing the effect of water stress on photosynthetic activity of Ajowan (PIDOC).]

Figure 4.10a: Effect of PGRs on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages

![Graph showing the effect of PGRs on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages.]

Figure 4.10b: Effect of micronutrients on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages

![Graph showing the effect of micronutrients on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages.]

Figure 4.10c: Effect of NaCl on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages

![Graph showing effect of NaCl on RWC](image)

Figure 4.10d: Effect of water stress on Relative Water content (RWC) in field grown Ajowan plants at different phenological stages

![Graph showing effect of water stress on RWC](image)
Figure 4.11a : Effect of PGRs on reducing sugars in field grown Ajowan plants at different phenological stages

Figure 4.11b : Effect of PGRs on total sugars in field grown Ajowan plants at different phenological stages

Figure 4.11c : Effect of PGRs on starch in field grown Ajowan plants at different phenological stages
Figure 4.11d: Effect of PGRs on protein in field grown Ajowan plants at different phenological stages

![Protein Content Graph]

Figure 4.11e: Effect of PGRs on organic constituents in field grown Ajowan at different phenological stages (PIDOC)

![Organic Constituents Graph]

Figure 4.12a: Effect of micronutrients on reducing sugars in field grown Ajowan plants at different phenological stages

![Reducing Sugars Graph]
Figure 4.12b: Effect of micronutrients on total sugars in field grown Ajowan plants at different phenological stages

Figure 4.12c: Effect of micronutrients on starch in field grown Ajowan plants at different phenological stages

Figure 4.12d: Effect of micronutrients on protein in field grown Ajowan plants at different phenological stages
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Figure 4.13a: Effect of NaCl on reducing sugars in field grown Ajowan plants at different phenological stages

Figure 4.13b: Effect of NaCl on total sugars in field grown Ajowan plants at different phenological stages
Figure 4.13c: Effect of NaCl on starch in field grown Ajowan plants at different phenological stages.

Figure 4.13d: Effect of NaCl on protein in field grown Ajowan plants at different phenological stages.

Figure 4.13e: Effect of NaCl on organic constituents in field grown Ajowan at different phenological stages (PIDOC).
Figure 4.14a: Effect of water stress on reducing sugars in field grown Ajowan plants at different phenological stages

Figure 4.14b: Effect of water stress on total sugars in field grown Ajowan plants at different phenological stages

Figure 4.14c: Effect of water stress on starch in field grown Ajowan plants at different phenological stages
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Figure 4.14e: Effect of water stress on organic constituents in field grown Ajowan at different phenological stages (PIDOC)
Figure 4.15a: Effect of PGRs on prolines in field grown Ajowan plants at different phenological stages

Figure 4.15b: Effect of PGRs on glycine betaine in field grown Ajowan plants at different phenological stages

Figure 4.15c: Effect of PGRs on phenols in field grown Ajowan plants at different phenological stages
Figure 4.15d: Effect of PGRs on total free amino acids in field grown Ajowan plants at different phenological stages

Figure 4.15e: Effect of PGRs on antioxidants in field grown Ajowan at different phenological stages (PIDOC)

Figure 4.16a: Effect of micronutrients on prolines in field grown Ajowan plants at different phenological stages
Figure 4.16b: Effect of micronutrients on glycine betaine in field grown Ajowan plants at different phenological stages

Figure 4.16c: Effect of micronutrients on phenols in field grown Ajowan plants at different phenological stages

Figure 4.16d: Effect of micronutrients on total free amino acids in field grown Ajowan plants at different phenological stages
Figure 4.16e: Effect of micronutrients on antioxidants in field grown Ajowan at different phenological stages (PIDOC)

Figure 4.17a: Effect of NaCl on prolines in field grown Ajowan plants at different phenological stages

Figure 4.17b: Effect of NaCl on glycine betaine in field grown Ajowan plants at different phenological stages
Figure 4.17c: Effect of NaCl on phenols in field grown Ajowan plants at different phenological stages

Figure 4.17d: Effect of NaCl on total free amino acids in field grown Ajowan plants at different phenological stages

Figure 4.17e: Effect of NaCl on antioxidants in field grown Ajowan at different phenological stages (PIDOC)
Figure 4.18a: Effect of water stress on prolines in field grown Ajowan plants at different phenological stages

Figure 4.18b: Effect of water stress on glycine betaine in field grown Ajowan plants at different phenological stages

Figure 4.18c: Effect of water stress on phenols in field grown Ajowan plants at different phenological stages
Figure 4.18d : Effect of water stress on total free amino acids in field grown Ajowan plants at different phenological stages

Figure 4.18e : Effect of water stress on antioxidants in field grown Ajowan at different phenological stages (PIDOC)
Figure 4.19a: Effect of PGRs on activity of POX in field grown Ajowan plants at different phenological stages

Figure 4.19b: Effect of PGRs on activity of SOD in field grown Ajowan plants at different phenological stages

Figure 4.19c: Effect of PGRs on activity of PPO in field grown Ajowan plants at different phenological stages
Figure 4.19d: Effect of PGRs on activities of antioxidant enzymes in field grown Ajowan at different phenological stages (PIDOC)

Figure 4.20a: Effect of micronutrients on activity of POX in field grown Ajowan plants at different phenological stages

Figure 4.20b: Effect of micronutrients on activity of SOD in field grown Ajowan plants at different phenological stages
Figure 4.20c: Effect of micronutrients on activity of PPO in field grown Ajowan plants at different phenological stages

Figure 4.20d: Effect of micronutrients on activities of antioxidant enzymes in field grown Ajowan at different phenological stages (PIDOC)
Figure 4.21a: Effect of NaCl on activity of POX in field grown Ajowan plants at different phenological stages

Figure 4.21b: Effect of NaCl on activity of SOD in field grown Ajowan plants at different phenological stages

Figure 4.21c: Effect of NaCl on activity of PPO in field grown Ajowan plants at different phenological stages
Figure 4.21d: Effect of NaCl on activities of antioxidant enzymes in field grown Ajowan at different phenological stages (PIDOC)

Figure 4.22a: Effect of water stress on activity of POX in field grown Ajowan plants at different phenological stages

Figure 4.22b: Effect of water stress on activity of SOD in field grown Ajowan plants at different phenological stages
Figure 4.22c: Effect of water stress on activity of PPO in field grown Ajowan plants at different phenological stages.

Figure 4.22d: Effect of water stress on activities of antioxidant enzymes in field grown Ajowan at different phenological stages (PIDOC).
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Figure 4.23b: Effect of micronutrients on mineral constituents in field grown Ajowan (PIDOC)

Figure 4.23c: Effect of NaCl on mineral constituents in field grown Ajowan (PIDOC)
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Figure 4.24a: Effect of PGRs on growth parameters of Ajowan (PIDOC)

Figure 4.24b: Effect of micronutrients on growth parameters of Ajowan (PIDOC)

Figure 4.24c: Effect of NaCl on growth parameters of Ajowan (PIDOC)
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Figure 4.25a : Effect of PGRs on yield attributes of Ajowan (PIDOC)

Figure 4.25b : Effect of micronutrients on yield attributes of Ajowan (PIDOC)
Figure 4.25c : Effect of NaCl on yield attributes of Ajowan (PIDOC)

Figure 4.25d : Effect of water stress on yield attributes of Ajowan (PIDOC)
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Figure 4.26b: Effect of micronutrients on essential oil content of Ajowan and its quality (PIDOC)
Figure 4.26c : Effect of NaCl on essential oil content of Ajowan and its quality (PIDOC)

Figure 4.26d : Effect of water stress on essential oil content of Ajowan and its quality (PIDOC)